

Education

Princeton University

PRINCETON, NEW JERSEY

A.B. in Computer Science (3.44 GPA)

May 2022

Coursework in Object Oriented Software Development, Advanced Programming Techniques, Information Security, Database Systems, and Computational Biology

Certificate in Spanish Language and Culture

May 2022

University of Melbourne

MELBOURNE, AUSTRALIA

Semester Study Abroad (3.85 GPA)

Spring 2020

Skills

Programming Languages: Python, Swift, Java, JavaScript, HTML/CSS, R, SQL, C#

Frameworks & Tools: Flask, React, SwiftUI, Git, \LaTeX , Unix utilities

Natural Languages: English (*Native*), Spanish (*Proficient*), French (*Elementary Proficiency*)

Experience

Latent Knowledge Solutions Inc.

REMOTE

Technical Lead

May 2022 – Present

- Maintained backend Flask API and coordinated integration with React frontend
- Supervised onboarding, feature planning, and task delegation for four developers
- Managed product release schedule and ran final deployment pipeline on AWS

Founding Engineer

June 2020 – August 2021

- Developed MVP for LitView (litview.co), an online research platform, using React and Flask
- Implemented product analytics to track and understand user activity using Amplitude
- Launched pilot programs to validate product at two universities for over 100 users

Princeton Summer Programming Experience

PRINCETON, NEW JERSEY

Summer Intern

June 2019 – July 2019

- Designed and developed 3D video game using C# and the Unity game engine
- Demonstrated final product during capstone event to Princeton faculty and program cohort

A complete list of work experience is available at [linkedin.com/in/williamsvoboda](https://www.linkedin.com/in/williamsvoboda).

Projects

“Applications of Geospatial Data in Digital Communication”

Fall 2021 – Spring 2022

- Created full-stack application to explore proximity-based messaging as part of senior thesis
- Deployed to the App Store and tested on Princeton’s campus with 18 students

“Teaching Graph Traversal Visually”

Spring 2021

- Designed assignment to teach graph search algorithms to Princeton students
 - Created interactive visualizer and autograder in Python to evaluate student understanding
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Awards

National Science Foundation Propelus I-Corps Awardee

Spring 2023

- Accepted to the four-week I-Corps Regional Program for entrepreneurial development
- Received \$3000 NSF grant for product validation and customer discovery

Army ROTC Scholarship

Fall 2018

- Awarded full four-year college scholarship for merit and grades

Eagle Scout Award

Fall 2015

- Recognized for extensive service project and leadership in local community